



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Patent application of : Attorney Docket No.:
Aws Nashef *et al.* : 8830-27 (165089)
Serial No.: 10/069,649 : Group Art Unit:
Confirmation No.: 3544 : 3739
Filed: September 13, 2002 : Examiner:
For: Heat Transfer Devices : Gibson, Roy Dean

RESPONSE TO FINAL OFFICE ACTION

Mail Stop AF

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

This is in response to the final office action of June 14, 2006. This response is being filed within the three month shortened period set by the office action. Thus, this response is being timely filed.

Please charge any additional fee relating to this response, or credit any overpayment made, to Deposit Account No. 50-0573.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this document.

Remarks/Arguments begin on page 5 of this document.

**CERTIFICATE OF MAILING
UNDER 37 C.F.R. 1.8(a)**

I hereby certify that this paper, along with any paper referred to as being attached or enclosed, is being deposited with the United States Postal Service on the date indicated below, with sufficient postage, as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

BY

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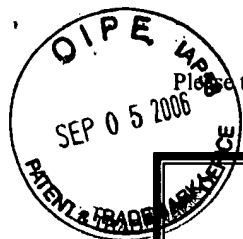
James M. Nashef
August 30, 2006

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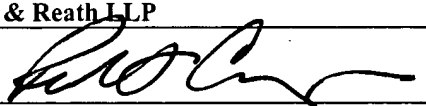
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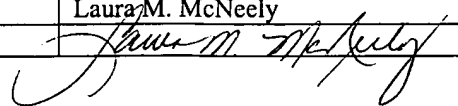
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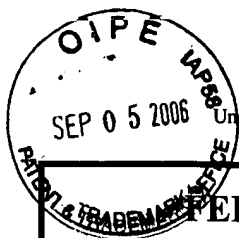
2/11/06
AFS

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/069,649
		Filing Date	September 13, 2002
		First Named Inventor	Aws Nashef et al.
		Group Art Unit	3739
		Examiner Name	Gibson, Roy Dean
Total Number of Pages in This Submission	9	Attorney Docket Number	8830-27 (165089)

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply to 6/14/06 Office Action <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) – Figs. <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>
Remarks:		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm Name	Drinker Biddle & Reath LLP
Signature	
Printed Name	Robert E. Cannuscio, Reg. No. 36,469
Date	August 30, 2006

CERTIFICATE OF MAILING UNDER 37 CFR 1.8	
I hereby certify that this paper, along with any documents referred to as being enclosed therewith, is being deposited with the United States Postal Service in an envelope addressed to U.S. Patent Office, Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:.	
Typed or printed name	Laura M. McNeely
Signature	 Date: August 30, 2006



FEE TRANSMITTAL for FY 2005		Complete if known	
Patent fees are subject to annual revision.		Application Number	10/069,649
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	September 13, 2006
TOTAL AMOUNT OF PAYMENT (\$600.00)		First Named Inventor	Aws Nashef et al
METHOD OF PAYMENT (check all that apply)		Examiner Name	Gibson, Roy Dean
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		Art Unit	3739
<input type="checkbox"/> Deposit Account: Deposit Account Number <u>50-0573</u> Deposit Account Name <u>Drinker Biddle & Reath LLP</u>		Attorney Docket No.	8830-27 (165089)
The Director is authorized to: (check all that apply)		FEE CALCULATION (continued)	
<input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments		ADDITIONAL FEES	
<input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 and 1.17		Fee Code Large Entity Fee (\$) Fee Code Small Entity Fee (\$) Fee Description Fee Paid	
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		1051 130 2051 65 Surcharge – late filing fee or oath	
FEE CALCULATION		1052 50 2052 25 Surcharge – late provisional filing fee or cover sheet	
EXTRA CLAIMS FEES FOR UTILITY AND REISSUE		1053 130 1053 130 Non-English specification	
Total Claims 17 - 20 = 0 X = \$ 0		1812 2,520 1812 2,520 For filing a request for <i>ex parte</i> reexamination	
Independent Claims 6 - 3 = 3 X 200 = \$ 600.00		1804 920* 1804 920* Requesting publication of SIR prior to Examiner action	
Multiple Independent + 360/180 = \$0		1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action	
Large Fee Code Large Entity Fee (\$) Small Fee Code Small Entity Fee (\$) Fee Description		1251 120 2251 60 Extension for reply within first month	
1202 50 2202 25 Claims in excess of 20		1252 450 2252 225 Extension for reply within second month	
1201 200 2201 100 Independent claims in excess of 3		1253 1,020 2253 510 Extension for reply within third month	
1203 360 2203 180 Multiple dependent claim, if not paid		1254 1,590 2254 795 Extension for reply within fourth month	
1204 200 2204 100 **Reissue independent claims over original patent		1255 2,160 2255 1,080 Extension for reply within fifth month	
1205 50 2205 25 **Reissue claims in excess of 20 and over original patent		1401 500 2401 250 Notice of Appeal	
**or number previously paid, if greater; For Reissue, see above		1402 500 2402 250 Filing a brief in support of an appeal	
SUBMITTED BY CUSTOMER NO. 23973		1403 1,000 2403 500 Request for oral hearing	
Name (Print/Type) Robert E. Cannuscio		1451 1,510 1451 1,510 Petition to institute a public use proceeding	
Registration No. (Attorney/Agent) 36,469		1452 500 2452 250 Petition to revive – unavoidable	
Telephone (215) 988.3303		1453 1,500 2453 750 Petition to revive – unintentional	
Date August 30, 2006		1501 1,400 2501 700 Utility issue fee (or reissue)	
Signature		1503 1,100 2503 550 Plant issue fee	
		1462 400 1462 400 Petition to the Commissioner – Group I	
		1463 200 1463 200 Petition to the Commissioner – Group II	
		1464 130 1464 130 Petition to the Commissioner – Group III	
		1807 50 1807 50 Processing fee under 37 CFR 1.17(q)	
		1806 180 1806 180 Submission of Information Disclosure Stmt	
		1810 790 2810 395 For each additional invention to be examined (37 CFR § 1.129(b))	
		1801 790 2801 395 Request for Continued Examination (RCE)	
		1802 900 1802 900 Request for expedited examination of a design application	
		Other fee (specify)	